

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5649-1192

DATE: February 17, 2004

**PATENT**

U.S. PTO  
10/780067



**UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

- ☒ a patent application  
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: \_\_\_\_\_; filed \_\_\_\_\_, the disclosure of which is incorporated herein by reference in its entirety.  
☒ and claims priority to Korean Patent Application Serial No. 10-2003-10402; filed February 19, 2003.

Inventor(s) or Application Identifier:

Tai-su Park, Seoul, Republic of Korea  
Eui-Joon Yoon, Seoul, Republic of Korea  
U-in Chung, Seoul, Republic of Korea  
Si-young Choi, Gyeonggi-do, Republic of Korea  
Jong-ho Lee, Daejeon-si, Republic of Korea

Entitled: **VERTICAL CHANNEL FIELD EFFECT TRANSISTORS HAVING INSULATING LAYERS THEREON AND METHODS OF FABRICATING THE SAME**

Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428  
Raleigh, North Carolina 27627  
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Customer No. 20792

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 23 pages of Specification (including 51 claims)
3. ☒ 20 sheet of Informal Drawings (35 USC 113)
4. ☐ Oath or Declaration
  - a. ☐ newly executed (*original or copy*)
  - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*)) [Note Box 6 Below]
  - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under

Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

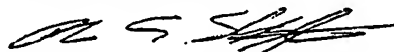
7. ☐ Microfiche Computer Program (*Appendix*)
8. ☐ Assignment papers (*cover sheet(s) and document(s)*)
9. ☐ Applicant claims small entity status. See 37 CFR § 1.27.
10. ☒ Information Disclosure Statement, PTO-1449, and 4 references cited (3 refs provided only)
11. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
12. ☐ English Translation Document
13. ☒ Certified Copy of Korean Application No. 2003-10402 Filed February 19, 2003
14. ☐ Sequence Listing/ Sequence Listing Diskette
  - a. ☐ computer readable copy
  - b. ☐ paper copy
  - c. ☐ statement in support
15. ☐ An Associate Power of Attorney
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
17. ☒ Other: Application Filed Under 37 CFR 1.41(c)

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate      Fee	Large Entity Rate      Fee
BASIC FEE			\$375.00	\$ 770.00
TOTAL CLAIMS	51 - 20 =	31	x 09 = \$	x 18 = \$558.00
INDEP CLAIMS	8 - 3 =	5	x 44 = \$	x 86 = \$430.00
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 140 = \$	+ 280 = \$
<i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i>			Total \$	Total \$1,758.00

- ☒ A check in the amount of \$1,758.00 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ is enclosed to cover the filing fee and a check in the amount of \$ to cover the Assignment Recordation fee is enclosed.
- ☐ Please charge my Deposit Account No. 50-0220 in the amount of (filing fee plus \$40.00 to cover Assignment Recordation).
- ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
- a. ☒ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
  - b. ☒ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Rohan G. Sabapthypillai  
Registration No. 51,074

#### CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 353593048US

Date of Deposit: February 17, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT

APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Michele P. McMahan

ATTORNEY DOCKET NO.: 5649-1192

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Tai-su Park  
Serial No.: To Be Assigned  
Filed: Concurrently Herewith  
For: **VERTICAL CHANNEL FIELD EFFECT TRANSISTORS HAVING  
INSULATING LAYERS THEREON AND METHODS OF FABRICATING  
THE SAME**

February 17, 2004

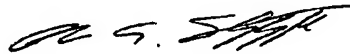
Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

APPLICATION FILED UNDER 37 CFR 1.41(c)

Sir:

The above identified application is being filed on behalf of the inventors, **Tai-su Park, Eui-Joon Yoon, U-in Chung, Si-young Choi, and Jong-ho Lee**, residents of the Republic of Korea, under the provisions of 37 CFR 1.41(c). A Declaration and Power of Attorney from the inventors will follow, 37 CFR 1.63.

Respectfully submitted,



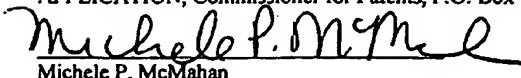
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Michele P. McMahan